

INTERNATIONAL SEARCH REPORT

IB2004/004092

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C263/00 C07C273/18 C07C275/28 C07C269/02 C07C265/12
C07C271/28 C07B59/00 A61K51/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07B A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/102711 A (KIHLEBERG, TOR; LAANGSTROEM, BENGT) 27 December 2002 (2002-12-27) cited in the application page 16, paragraph 2 page 1, paragraph 2	19-24
X	KIHLEBERG, TOR ET AL: "11C!Carbon Monoxide in Selenium-Mediated Synthesis of 11C-Carbamoyl Compounds" JOURNAL OF ORGANIC CHEMISTRY, 67(11), 3687-3692 CODEN: JOCEAH; ISSN: 0022-3263, 2002, XP008044404 cited in the application page 3688, column 2	19-24

-/--

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

30/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fitz, W

INTERNATIONAL SEARCH REPORT

IB2004/004092

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KARIMI, FARHAD ET AL: "Palladium-mediated synthesis of ' carbonyl - 11C ! amides and hydrazides using ' 11C ! carbon monoxide" JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1 , (18), 2111-2116 CODEN: JCSPCE; ISSN: 1472-7781, 2002, XP008044432 page 2111; figure 1 -----	19-24
P,X	DOI, HISASHI ET AL: "Synthesis of 11C -labeled N,N'-diphenylurea and ethyl phenylcarbamate by a rhodium-promoted carbonylation via ' 11C ! isocyanatobenzene using phenyl azide and ' 11C ! carbon monoxide" ORGANIC & BIOMOLECULAR CHEMISTRY , 2(21), 3063-3066 CODEN: OBCRAK; ISSN: 1477-0520, 2004, XP008044433 the whole document -----	1-24

INTERNATIONAL SEARCH REPORT

IB2004/004092

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
WO 02102711	A	27-12-2002	CA 2448524 A1	27-12-2002
			EP 1406835 A1	14-04-2004
			JP 2004532787 T	28-10-2004
			WO 02102711 A1	27-12-2002
			US 2004197257 A1	07-10-2004
<hr/>				